

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Vladimir Andreevich Bushuev  
 Serial No. : 09/649,431 Group Art Unit: 1764  
 Filed : August 25, 2000 Examiner: T. D. Dang  
 For : PROCESS FOR PRODUCING LOW-MOLECULAR OLEFINS,  
 REACTOR FOR PYROLYSIS OF HYDROCARBONS AND  
 APPARATUS FOR QUENCHING CRACKED GAS (AS AMENDED)

ASSISTANT COMMISSIONER FOR PATENTS  
 Washington, D.C. 20231

S I R:

Transmitted herewith is an amendment to the above identified application.

☒ Small entity status of this application under 37 C.F.R. \$1.9 and \$1.27 has been established by a verified statement previously submitted.

☐ A verified statement to establish small entity status under 37 C.F.R. \$1.9 and \$1.27 is enclosed.

☒ No additional fee is required.

The filing fee is calculated as follows:

	NUMBER AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		NUMBER OF EXTRA CLAIMS PRESENTED		RATE					FEE	
							SMALL ENTITY	OTHER ENTITY		SMALL ENTITY	OTHER ENTITY		
Total Claims	1	-	20	=	0	X	9	18	=	0			
Independent Claims	1	-	3	=	0	X	40	80	=	0			
Multiple Dependent Claim(s) Presented <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							135	270		0			
For First Time							TOTAL ADDITIONAL FEE \$ 0						

\*If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than 20, write "20" in this space.

\*\*If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than 3, write "3" in this space.

\*\*\*If the difference between the "NUMBER AFTER AMENDMENT" and the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than "0", write "0" in the space.

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The "HIGHEST NUMBER PREVIOUSLY PAID FOR" (Total or Independent) is the highest of the "NUMBER AFTER AMENDMENT" in any prior amendment of the number of claims as originally filed

— Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_. Three copies of this sheet is enclosed.

— A check in the amount of \_\_\_\_\_ is enclosed for the extension fee.

— The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposition Account No. \_\_\_\_\_. Three copies of this sheet are enclosed.

— Any filing fees under 37 C.F.R. \$1.16 for the presentation of extra claims.

— Any patent application processing fees under 37 C.F.R. \$1.17.

Respectfully submitted,

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:

Assistant Commissioner for Patents,  
Washington, D.C. 20231.

*Peter J. Phillips* 2/20/03  
Peter J. Phillips  
Reg. No. 29,691

Date

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1185 Avenue of the Americas  
New York, New York 10036  
February 20, 2003

Assistant Commissioner for Patents  
Washington, D.C. 20231

SIR:

**AMENDMENT IN RESPONSE TO JUNE 21, 2002 OFFICE ACTION**

a) Introductory Comments:

This Amendment is submitted in response to the Office Action issued in connection with the above-identified application on June 21, 2002, which set a three month period for response. A response was due on September 21, 2002. On December 21, 2003, applicants filed an RCE with a Petition for a three month extension of time, from September 21, 2002 to December 21, 2002, and a petition to suspend prosecution for three months, from December 21, 2002, to March 21, 2003. In response, applicant received a Notice of Improper Request For Continued Examination (RCE) indicating that the RCE was not proper. Applicants are filing a Petition to Revive and a new RCE.